

A

```
1  GCAGGCATGC TTCTATATTA TTTTCTAAAA GATTTAAAGT TTTGCCTTCT
   CGTCCGTACG AAGATATAAT AAAAGATTTT CTAAATTTCA AAACGGAAGA

51  CCATTTAGAC TTATAATTCA CTGGAATTTT TTTGTGTGTA TGGTATGACA
   GGTAAATCTG AATATTAAGT GACCTTAAAA AAACACACAT ACCATACTGT

101 TATGGGTTCC CTTTTATTTT TTACATATAA ATATATTTCC CTGTTTTTCT
   ATACCCAAGG GAAAATAAAA AATGTATATT TATATAAAGG GACAAAAAGA

151 AAAAAAGAGG GGATCCTCTA GAGTCGACCT
   TTTTTTCTCC CCTAGGAGAT CTCAGCTGGA
```

B



S/MAR module

S/MAR sequence  
180 bp

GC% in 10bp blocks

